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11 [ADDITIONAL COUNSEL LISTED ON FOLLOWING PAGE]

12 **BEFORE THE**
13 **CALIFORNIA STATE WATER RESOURCES CONTROL BOARD**

14
15 HEARING IN THE MATTER OF
16 CALIFORNIA DEPARTMENT OF WATER
RESOURCES AND UNITED STATES
17 BUREAU OF RECLAMATION
REQUEST FOR A CHANGE IN POINT
18 OF DIVERSION FOR CALIFORNIA
WATER FIX

**STATEMENT OF QUALIFICATIONS
FOR WILLIAM M. KIER**

(Part 2 Sur-Rebuttal)

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Attorneys for California Sportfishing Protection Alliance,
California Water Impact Network, and AquAlliance

1 I, William M. Kier, declare:

2 I am an American Fisheries Society Certified Fisheries Scientist, No. 1934, and a
3 member of the American Institute of Fishery Research Biologists.

4 I earned my B.S. in Biological Sciences at Sacramento State University in 1958.
5 From 1959 to 1967 I was employed by the California Department of Fish and Game
6 (Sacramento) as a fisheries scientist, fisheries program manager and chief of the
7 Department's Water Projects Branch.

8 As a Program Assistant in the then-new California Resources Agency between
9 1964 and 1967 I participated in discussions with Members of the California Legislature,
10 their staffs, the leadership of the State Water Quality Control Board and the State Water
11 Rights Board and other interested parties concerning the legislation which created the
12 State Water Resources Control Board (SWRCB).

13 In 1967, the year the SWRCB was created, I became the principal consultant to
14 the California State Senate committees concerned with water resource allocation and
15 water quality management and I have followed the work of the SWRCB closely over the
16 years since.

17 From 1967 to early 1983 I served, first, as the Principal Committee Consultant for
18 the California State Senate committees on Fish and Game, Natural Resources, and
19 Water Resources, and then as the Director and principal environmental policy specialist
20 for the Senate Office of Research and Policy Development (Sacramento).

21 Since 1983, I have served as a developer and Principal of Kier Associates,
22 Fisheries and Watershed Professionals, now headquartered in San Rafael.

23 My current responsibilities include project management and editing of scientific
24 reports for State and federal agency clients, Tribes, NGOs and others primarily
25 concerning the protection and restoration of Pacific salmon resources in the San
26 Francisco Bay-Delta watershed, the Klamath River basin and the Pacific Northwest.

1 I have provided expert witness testimony in court proceedings concerning the
2 effects of water pollution on fish populations and I have provided expert testimony, both
3 written and oral, in informational and quasi-judicial proceedings, most notably the
4 California State Water Resources Control Board's 2010 Delta Flow Criteria proceeding,
5 that which resulted in the Board's 2010 "Development of Flow Criteria for the
6 Sacramento-San Joaquin Delta Ecosystem" ("2010 Flow Criteria Report" – Exh.
7 SWRCB-25). My written testimony in that proceeding, designated therein as Exhibit
8 PCFFA-2, was entitled "San Francisco Bay-Delta Estuary Water Quality and Flow
9 Criteria Necessary to Protect Sacramento River Fall-Run Chinook Salmon" (admitted
10 into evidence in this Hearing as Exhibits PCFFA-147 & PCFFA-148).

11 Although my work has increasingly involved me in salmon restoration programs
12 in the Klamath and Columbia River basins, I have maintained my familiarity with San
13 Francisco Bay-Delta salmon conservation issues through, among other things, Kier
14 Associates' work for NOAA Fisheries' California Central Valley Office (Sacramento)
15 which has retained us to 1- finalize the implementation schedule for the 'Recovery Plan
16 for Sacramento River Winter-run Chinook, Central Valley Spring-run Chinook, and
17 Central Valley Steelhead'; 2- create a system for tracking progress on West Coast
18 salmon and steelhead recovery plans for use throughout NOAA Fisheries' West Coast
19 Region; and 3- develop 'An Alternative Technique to Quantify the Incidental Take of
20 Listed Anadromous Fishes at the Federal and State Water Export Facilities in the San
21 Francisco Bay-Delta Estuary', which report may be found on the Delta Stewardship
22 Council's website at [http://deltacouncil.ca.gov/docs/background-materials-delta-science-
23 program-independent-review-ocap-review-science-program/kier](http://deltacouncil.ca.gov/docs/background-materials-delta-science-program-independent-review-ocap-review-science-program/kier).

24 Executed on the 21st day of September, 2018, at San Rafael, California.

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27 **WILLIAM M. KIER**
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